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[illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

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DRD2 / ANKK1	[illegible] [illegible]2 [illegible] [illegible] - [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].	Taq1A (rs1800497) — A1 [illegible].	A1 [illegible] ([illegible] [illegible] D2 [illegible] [illegible]) '[illegible] [illegible]'. [illegible] [illegible] [illegible], [illegible] [illegible] [illegible]. [illegible] Val/Val COMT ([illegible] [illegible]) [illegible] D2 [illegible] [illegible], [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible].
SLC6A4 / 5-HTTLPR	[illegible] [illegible] - [illegible] [illegible] [illegible] [illegible].	[illegible]/[illegible], [illegible]/[illegible] [illegible].	[illegible] SERT ([illegible] [illegible]). [illegible] [illegible]. SLC6A4 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. '[illegible]/[illegible]' [illegible] [illegible] [illegible] ([illegible] SERT [illegible] [illegible]), [illegible] [illegible] [illegible] [illegible]— [illegible] [illegible], [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible].
MTHFR	[illegible] - [illegible] [illegible] [illegible].	C677T (rs1801133), A1298C (rs1801131)	MTHFR [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] - [illegible] DAT1/COMT/DRD2 [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]. 5-MTHF [illegible] [illegible] MTHFR [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible], [illegible] methylation [illegible] [illegible] [illegible] [illegible].
DRD4	[illegible] [illegible] [illegible] [illegible],	[illegible]-[illegible] [illegible] (rs1800955)	DRD4 [illegible] 7-[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible]

	[illegible] [illegible], [illegible] [illegible].		[illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] ADHD [illegible] [illegible] [illegible]. [illegible] DRD4 [illegible] 7-[illegible] Val/Val COMT [illegible] DRD2 A1 [illegible] [illegible], [illegible] '[illegible]' [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].
CYP3A4	[illegible] (liver) [illegible] [illegible] [illegible] [illegible] [illegible].	[illegible] ([illegible]) [illegible] [illegible] ([illegible]).	CYP3A4 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. CYP3A4 [illegible] ([illegible], [illegible], [illegible] [illegible]) [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. CYP3A4 [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] cocaethylene [illegible] [illegible]—[illegible] [illegible]-[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].
BDNF	[illegible] [illegible] - [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].	Val66Met (rs6265)	[illegible] [illegible] [illegible] [illegible] (prefrontal cortex) [illegible] [illegible] (hippocampus) [illegible] (BDNF) [illegible] [illegible] [illegible]— [illegible] [illegible] [illegible] [illegible] (cognitive impairment) [illegible] [illegible] [illegible]. '[illegible]' (Met) [illegible] [illegible], [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. '[illegible]' [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible].

[illegible] ([illegible] [illegible]) [illegible] [illegible].

[illegible] (compendium) [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] '[illegible]' [illegible] [illegible] [illegible] [illegible] [illegible]:

- [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] - [illegible] 'high' [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]? → '[illegible] [illegible] COMT (Val/Val)' [illegible] [illegible]. '[illegible] [illegible]' [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible].
- [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible], [illegible] [illegible], [illegible], [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]? → [illegible] [illegible] [illegible]. SLC6A4 [illegible] [illegible] [illegible] (variants) [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].
- [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]? → [illegible] DAT1 10-[illegible] + DRD2 A1 [illegible] — [illegible] [illegible] [illegible] (threshold) [illegible] (downregulation) [illegible] [illegible] [illegible], [illegible] [illegible] (cocaine) [illegible] [illegible] [illegible] [illegible] [illegible].
- [illegible] [illegible] (ADHD) [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]? → DAT1 10-repeat + DRD4 7-repeat [illegible]. [illegible] [illegible] DAT [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].
- "[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible]. → [illegible] '[illegible] [illegible]/[illegible] COMT [illegible]' [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible], [illegible] [illegible] [illegible] '[illegible] [illegible]'[illegible] [illegible] [illegible] [illegible]."

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[illegible] ([illegible])	DRD2 [illegible], [illegible]; [illegible], [illegible]; BDNF [illegible]; [illegible] (anhedonia) [illegible].	[illegible] - [illegible]; [illegible]; [illegible]; [illegible]; [illegible]; [illegible]; [illegible].	[illegible]. '[illegible]' [illegible]; [illegible]; [illegible] '[illegible]' [illegible]. [illegible] ([illegible] 05) [illegible]. [illegible]. [illegible] - BDNF [illegible]. [illegible].
[illegible] ([illegible])	[illegible]2 [illegible]; [illegible] (BDNF) [illegible]; [illegible]; [illegible]; [illegible] (HPA) [illegible].	[illegible]; [illegible]; [illegible]; PAWS ([illegible]-[illegible]) [illegible]; [illegible] (cravings) [illegible], [illegible].	[illegible] PAWS (Post-Acute Withdrawal Syndrome) [illegible] ([illegible]), [illegible]. [illegible] (cues) [illegible]. D2 [illegible], [illegible].

[illegible] (cocaine)	[illegible]: [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible]; [illegible] BDNF [illegible] [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible].	[illegible] [illegible] [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible] [illegible].	[illegible] [illegible] [illegible] (cocaine) [illegible] [illegible]. [illegible] [illegible], '[illegible]' [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible]: '[illegible] [illegible]' [illegible] '[illegible] [illegible] [illegible]' [illegible].

PAWS [illegible] (cocaine) [illegible].

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NAC ([illegible]-[illegible])	[illegible]- [illegible].	[illegible].	[illegible] — [illegible], [illegible]-[illegible]. [illegible], [illegible]: [illegible], NAC (N-acetylcysteine) [illegible]. [illegible]. [illegible].
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4.4 — □□□□□□□□ (ADHD) □□ □□□□□□□.

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4.6 — [illegible]

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- 5-HTP: [illegible], [illegible] [illegible]. [illegible] [illegible] [illegible] REM [illegible] [illegible].
- [illegible] [illegible] [illegible]: [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible]; [illegible] [illegible].
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[illegible]	BDNF [illegible] NGF [illegible]; [illegible]; [illegible]; [illegible] — [illegible] BDNF [illegible].	[illegible].	[illegible] (BDNF) [illegible], [illegible]. [illegible]. [illegible], [illegible], [illegible]. [illegible].
[illegible].	[illegible] (GABA) [illegible]; [illegible]; [illegible] SERT [illegible].	[illegible]-[illegible]-[illegible], [illegible].	[illegible] (serotonergic mechanism) [illegible]—[illegible] GABAergic [illegible]. [illegible]. [illegible] (intranasal).
[illegible].	[illegible]; [illegible]; [illegible]; [illegible].	[illegible].	[illegible] (circadian rhythm) [illegible]. [illegible] '[illegible]'[illegible]

			[illegible] [illegible] [illegible].
Dihexa	[illegible]; [illegible]/[illegible]; [illegible] [illegible] (BDNF) [illegible] [illegible] [illegible] [illegible] [illegible].	[illegible] [illegible] [illegible].	[illegible] [illegible] [illegible] (BDNF) [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible], [illegible] [illegible] [illegible]. [illegible] [illegible]; [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

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[illegible] 'Parkinson' [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible]: 'Parkinson'[illegible] [illegible] [illegible], [illegible] [illegible]. [illegible] [illegible], [illegible], [illegible] [illegible]. [illegible] 'Parkinson [illegible]'.

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[illegible]-[illegible].	[illegible] (ADHD) [illegible], [illegible] (atomoxetine), [illegible] (bupropion), [illegible] (guanfacine), [illegible] (viloxazine) [illegible]. [illegible] '[illegible]/[illegible]4' (DAT/DRD4) [illegible].	[illegible] (ADHD) [illegible]. [illegible], [illegible]. [illegible]. [illegible] (addiction medicine psychiatrist) [illegible].

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[redacted] [redacted] [redacted]. [redacted] [redacted] [redacted] [redacted], [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]. [redacted] [redacted] [redacted] [redacted].

[redacted] [redacted] [redacted] [redacted] [redacted] [redacted]. '[redacted]' [redacted] '[redacted]' [redacted] [redacted]. [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted].

[redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted], [redacted] [redacted] [redacted] [redacted] [redacted].

[redacted] [redacted] [redacted] [redacted] [redacted]—[redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted], [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted], [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]—[redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]. [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]. [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted].

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Crisis: call or text 988 | Emergency: 911 | SAMHSA: 1-800-662-4357

⚠ [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] - [redacted] [redacted] [redacted].

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